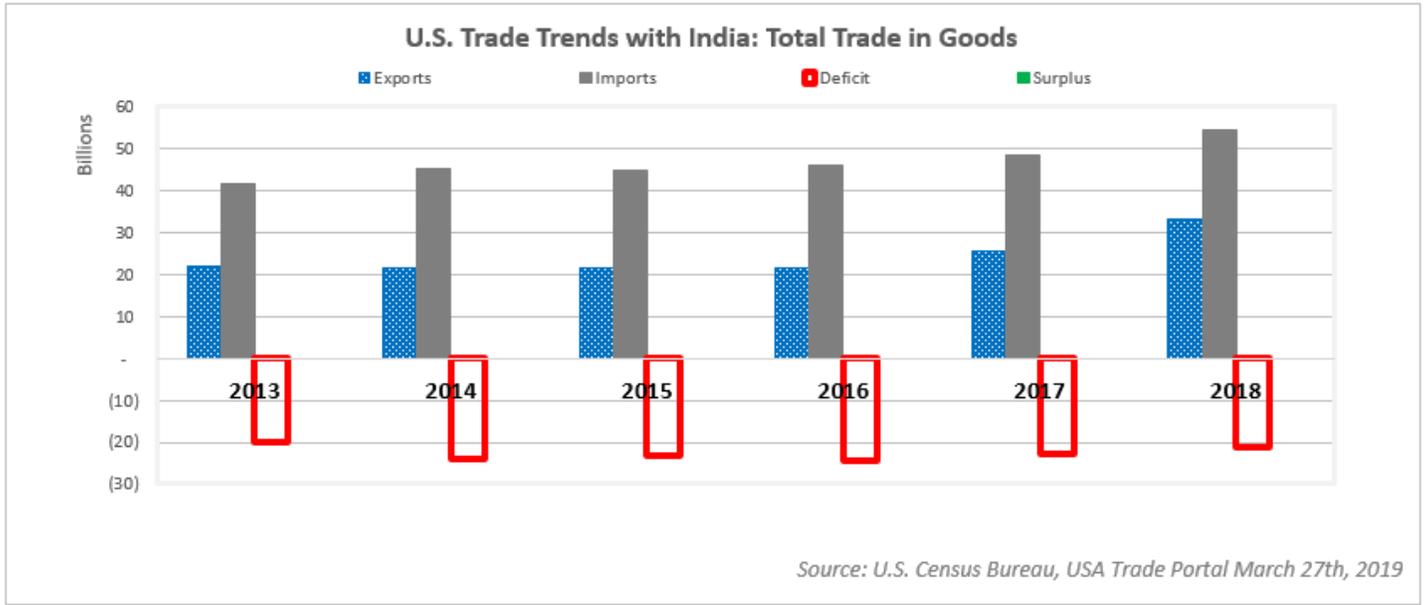




# US Trade with India Overall Trends

## I. Total U.S. Trade in goods with India

In 2018, U.S. exports to India totaled \$33.1 billion, a 28.9% (\$7.4 billion) increase from 2017; U.S. imports from India totaled \$54.4 billion, an 11.9% (\$5.8 billion) increase; and the trade deficit was \$21.3 billion, a 7.1% (\$1.6 billion) decrease.



In 2018, 2.0% of total U.S. exports were shipped to India while 2.1% of total U.S. Imports were delivered from India. In 2018, the level of U.S. exports to, and U.S. imports from India exceeded the prior five-year average level by value not adjusted for inflation. In 2018, the U.S. trade balance with India is negative.

Calendar Year	2013	2014	2015	2016	2017	2018	2013 - 2017 Average
<b>EXPORTS</b>	\$21.8 B	\$21.4 B	\$21.4 B	\$21.6 B	\$25.6 B	\$33.1 B	\$22.4 B
Δvalue	--	\$-311.4 M	\$-46.2 M	\$182.7 M	\$4 B	\$7.4 B	
Δpct	--	-1.4%	-0.2%	0.9%	18.7%	28.9%	
<b>IMPORTS</b>	\$41.8 B	\$45.3 B	\$44.7 B	\$46 B	\$48.6 B	\$54.4 B	\$45.3 B
Δvalue	--	\$3.5 B	\$-575.4 M	\$1.2 B	\$2.5 B	\$5.8 B	
Δpct	--	8.5%	-1.3%	2.8%	5.6%	11.9%	
<b>BALANCE</b>	\$-20 B	\$-23.9 B	\$-23.4 B	\$-24.4 B	\$-23 B	\$-21.3 B	\$-22.9 B
Δvalue	--	\$-3.9 B	\$529.1 M	\$-1.1 B	\$1.4 B	\$1.6 B	
Δpct	--	19.3%	-2.2%	4.6%	-6.1%	-7.1%	

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019 ; Value of Data in M = millions; B = billions



# US Trade with India Overall Trends

In 2018, of the \$33.1 billion in U.S. exports to India, the top commodity sectors were Stone, Glass, & Semiprecious Metals (24.4%), Minerals (19.1%) and Chemicals, Plastics, and Leather (14.3%).

In 2018, of the \$54.4 billion in U.S. imports from India, the top commodity sectors were Stone, Glass, & Semiprecious Metals (22.1%), Chemicals, Plastics, and Leather (21.5%), and textiles and footwear (15.8%).

2018 U.S. Imports from India by Sector	2018 U.S. Commodity Trade With India	2018 U.S. Exports to India by Sector
<b>\$54,407,473,609</b>	<b>Total Value All Commodities</b>	<b>\$33,120,079,883</b>
8.8%	Agriculture (Chapters 01-24)	4.2%
6.1%	Minerals (Chapters 25-27)	19.1%
21.5%	Chemicals, Plastics, Leather (Chapters 28-43)	14.3%
0.7%	Wood Products (Chapters 44-49)	3.0%
15.8%	Textiles and Footwear (Chapters 50-67)	1.5%
22.1%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	24.4%
5.5%	Base metals (Chapters 72-83)	4.3%
9.3%	Machinery (Chapters 84-85)	11.3%
5.6%	Transportation (Chapters 86-89)	10.9%
1.0%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	4.7%
0.1%	Arms & Ammunition (Chapter 93)	0.0%
2.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.3%
0.1%	Art & Antiques (Chapter 97)	0.1%
1.4%	Special Items (Chapters 98-99** Imports only 99)	1.8%

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019



# U.S. India to Export Trade Trends

## II. Exports to India subject to US Government Filing Requirements

In 2018, of the \$33.1 billion in U.S. exports to India:

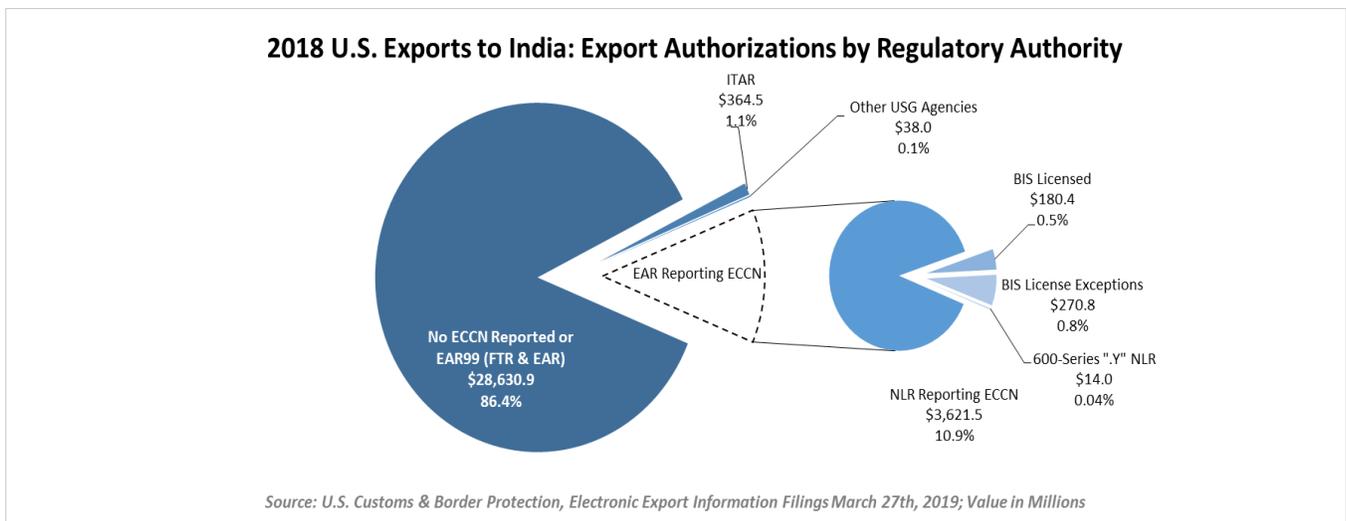
- 1.4% were subject to a BIS license requirement
- 0.5% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
- 0.8% were exported under a BIS license exception; Worldwide, 1.2% were exported under a BIS license exception.
- 10.9% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.
- 0.04% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

	2016	2017	2018
Department of State	\$224.3	\$805.6	\$364.5
Other USG Agencies	\$26.0	\$41.9	\$38.0
Department of Commerce	\$21,385.4	\$24,841.4	\$32,717.6
BIS Licensed	\$89.6	\$128.1	\$180.4
BIS License Exceptions	\$277.6	\$323.6	\$270.8
NLR reporting an ECCN	\$1,646.0	\$2,538.8	\$3,621.5
NLR reporting EAR99	\$6,462.0	\$9,682.8	\$13,683.9
NLR not reporting an ECCN	\$12,903.8	\$12,160.6	\$14,947.0
600-Series ".Y" Paragraph NLR	\$6.2	\$7.6	\$14.0

Value in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
India	X			X		X		X	X							

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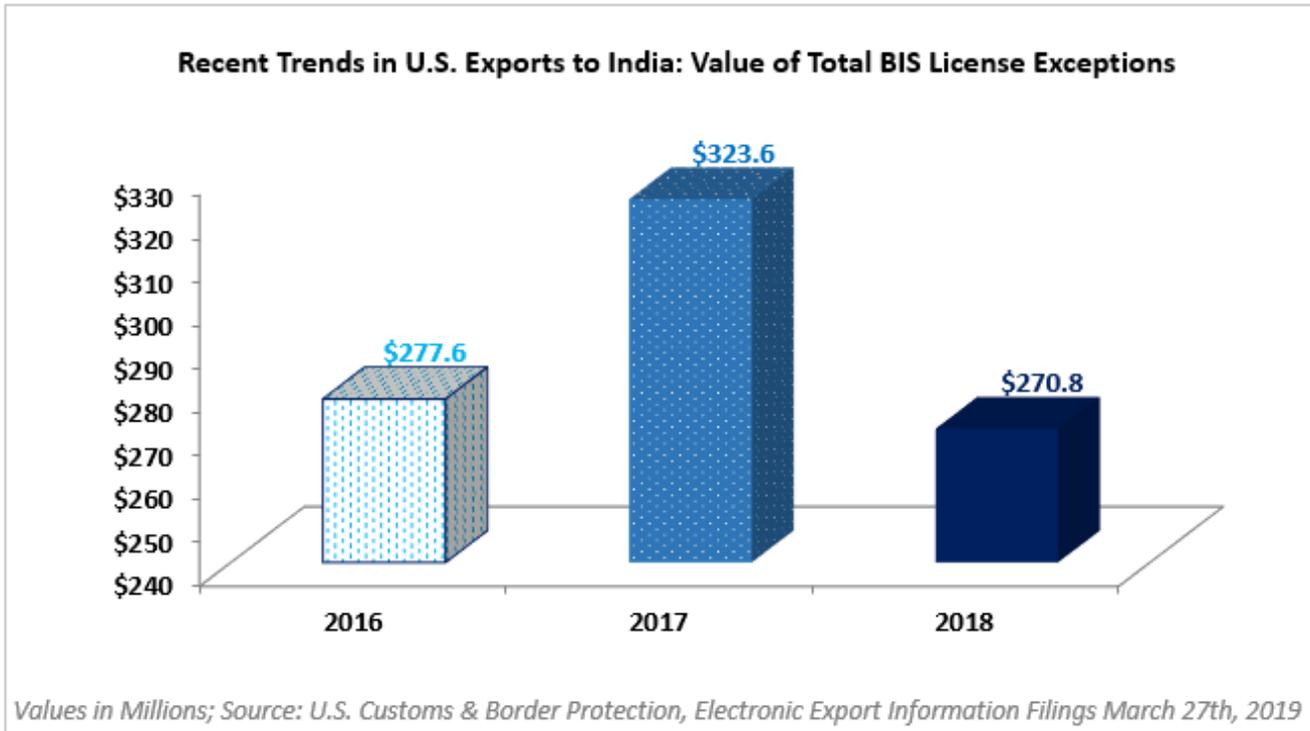


Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019; Value in Millions

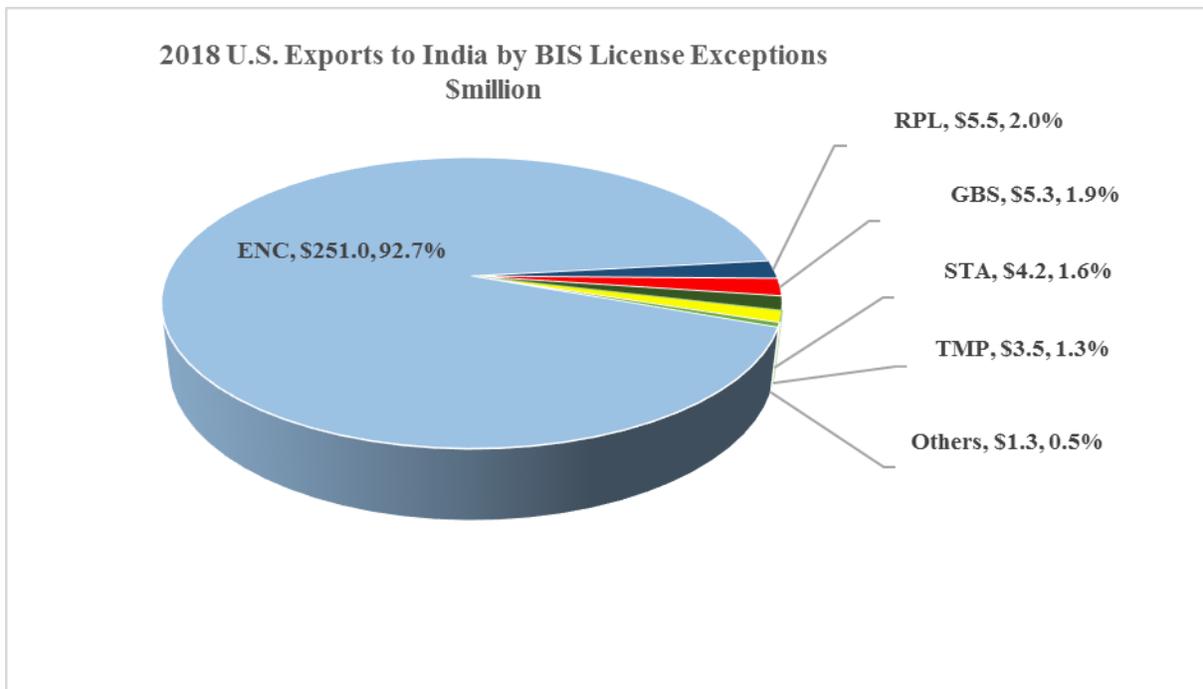


# US to India Export Trade Trends

In 2018, U.S. exports to India shipped under a BIS license exception totaled \$270.8 million, a 16.3% (\$52.8 million) decrease from 2017.



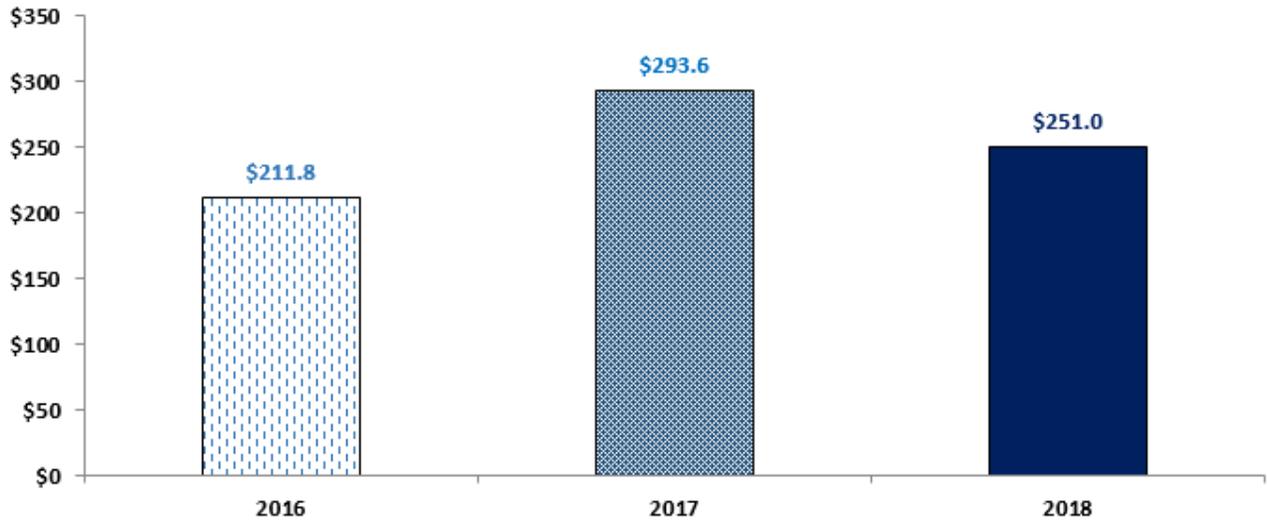
The top license exception Encryption commodities, Software and Technology (ENC) totaled \$251.0 million (92.7% of all license exceptions).





# US to India Export Trade Trends

**Recent Trends in U.S. Exports to India under Top BIS License Exception: Encryption Commodities & Software**



Values in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

**Trends in U.S. Exports to India under Top 5 BIS License Exceptions excluding: Encryption Commodities & Software**



**Note: The BIS License Exception for Encryption Commodities & Software is excluded from this chart**

Values in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019



Top Ten ECCNs by Value to India		
<b>LICENSED</b>	#1	9A515 Spacecraft and Related Commodities
	#2	9A610 Military Aircraft and Related Commodities
	#3	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#4	3A611 Military Electronics
	#5	3A233 Mass Spectrometers
	#6	3A001 Electronic Components
	#7	2B201 Machine tools for Removing Or Cutting Metals
	#8	9A619 Military Gas Turbine Engines and Related Commodities
	#9	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#10	2B001 Machine tools/Numerical Control Units

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Value to India		
<b>EXCEPTIONS</b>	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	5B002 "Information Security" Test, Inspection and "Production" Equipment
	#3	3A001 Electronic Components
	#4	5D002 "Sortware" as follows (see List of Items Controlled)
	#5	3A002 General Purpose Electronic Equip.
	#6	9A610 Military Aircraft and Related Commodities
	#7	7A103 Instrumentation, Navigation Equip./Systems Not
	#8	9A619 Military Gas Turbine Engines and Related Commodities
	#9	No ECCN No ECCN is required for License Exceptions TMP*
	#10	3A611 Military Electronics

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

\*Note: No ECCN is Required for License Exception TMP per EAR 758.1(g)(2)

Top Ten ECCNs by Value to India		
<b>NLR with ECCN</b>	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#2	5A991 Telecommunication Equip. Not Controlled by 5A001
	#3	5A992 Equipment not controlled by 5A002
	#4	5C991 Preforms of Glass Or of Any Other Material Optimized for the Manufactu...
	#5	1C999 Specific Materials, N.E.S., as Follows (See List of Items Controlled)....
	#6	3A999 Specific Processing Equip., N.E.S.
	#7	2B991 Numerical Control Units for Machine tools and "Numerically Controlled"...
	#8	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#9	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#10	4A994 Computers Not Controlled By 4A001 or 4A003

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

**NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description**



Top Ten ECCNs by Count to India		
<b>LICENSED</b>	#1	9A610 Military Aircraft and Related Commodities
	#2	3A611 Military Electronics
	#3	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#4	9A515 Spacecraft and Related Commodities
	#5	9A619 Military Gas Turbine Engines and Related Commodities
	#6	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#7	3A233 Mass Spectrometers
	#8	3A001 Electronic Components
	#9	2B350 Chemical Manufacturing Facilities and Equip.
	#10	1C202 Alloys other than those controlled by 1C002.b.3 or 1C002.b.4 as follows ...

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Count to India		
<b>EXCEPTIONS</b>	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	"Information Security" Test, Inspection and "Production" Equipment
	#3	3A001 Electronic Components
	#4	"Sortware" as follows (see List of Items Controlled)
	#5	EAR99 Items subject to the EAR that are not elsewhere controlled
	#6	4A001 Ruggedized Electronic Computers/Related Equip.
	#7	3A611 Military Electronics
	#8	9A610 Military Aircraft and Related Commodities
	#9	No ECCN No ECCN is required for License Exceptions TMP*
	#10	3A002 General Purpose Electronic Equip.

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

\*Note: No ECCN is Required for License Exception TMP per EAR 758.1(g)(2)

Top Ten ECCNs by Count to India		
<b>NLR with ECCN</b>	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#2	5A992 Equipment not controlled by 5A002
	#3	5A991 Telecommunication Equip. Not Controlled by 5A001
	#4	4A994 Computers Not Controlled By 4A001 or 4A003
	#5	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#6	3A999 Specific Processing Equip., N.E.S.
	#7	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#8	3A991 Electronic Devices and Components
	#9	2B999 Specific Processing Equip., N.E.S.
	#10	5B991 Telecommunications Test Equip.

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

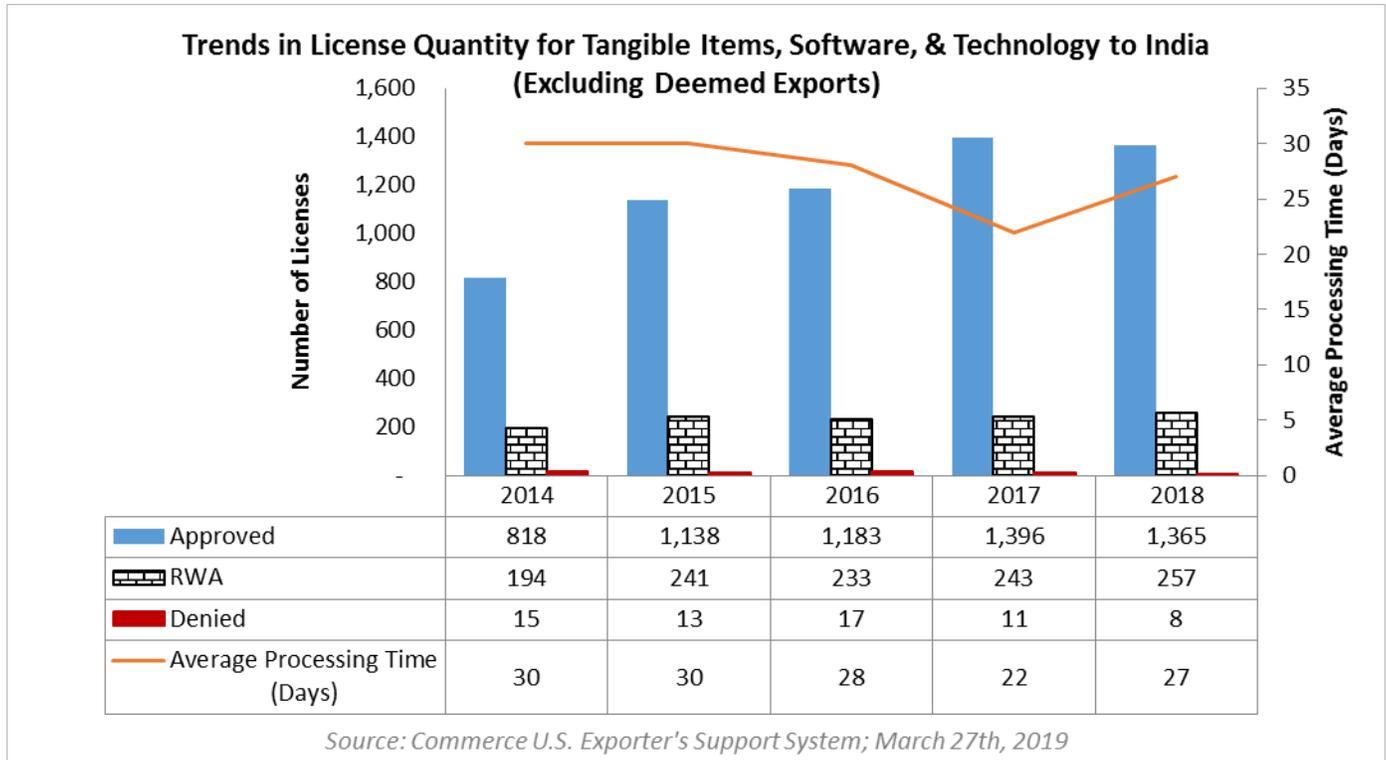
NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description



**III. BIS Licensing to India**

In 2018, BIS reviewed 1,630 export/re-export applications (not including deemed export applications) valued at \$2.1 billion for India, out of a total of 33,844 applications worldwide for tangible items, software and technology valued at \$81.3 billion.

– Approved applications for India totaled 1,365 (83.7% of the total applications) for \$2.1 billion, compared to the 29,032 (85.8%) approved applications for all destinations valued at \$64.3 billion.



India is the top third destination for Deemed Exports after China and Iran. In 2018, BIS approved 77 (84.6% of total applications from India) Deemed Exports licenses, compared to 846 (91.5%) approved for all destinations.

In the last five years, there were no denials for Deemed Exports for Indian nationals.

<b>Deemed Export Licenses for Indian Nationals</b>				
<b>2014 - 2018</b>				
	Approved	RWA	Denied	Total
2014	29	6	0	35
2015	108	9	0	117
2016	50	8	0	58
2017	79	7	0	86
2018	77	14	0	91

Source: Commerce U.S. Exports Exporter Support System, retrieved April 19, 2019



**Trends in License Values for Tangible Items, Software and Technology for India**

2014 - 2018

\$million

